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W. H. Hark:ck 03/20/01 4239-55412 E-209-99/0 -39812

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Miller et al.

Art Unit: --

Application No.: 09/629,557

Filed: July 31, 2000

For: METHODS FOR PREDICTING THE  
BIOLOGICAL, CHEMICAL, PHYSICAL  
PROPERTIES OF MOLECULES FROM THEIR  
SPECTRAL PROPERTIES

Examiner: Not Assigned

Date: March 20, 2001

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on March 20, 2001 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

*William D. Noonan*

William D. Noonan, M.D.  
Attorney for Applicant

PRELIMINARY AMENDMENT

TO THE COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231

Prior to examination, please amend the above-identified patent application as follows:

**In the claims:**

Please add the following new claims:

A1  
--55. The method of claim 1, wherein the spectral data is selected from the group consisting of experimental spectral data, calculated spectral data, and combinations thereof.

SUB  
C12  
56. The computer implemented system of claim 21, wherein the spectral data is selected from the group consisting of experimental spectral data, calculated spectral data, and combinations thereof.

57. The computer implemented system of claim 56, wherein the spectral data is calculated nuclear magnetic resonance data.

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